

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW052220\
 Data File : VW015457.D
 Acq On : 22 May 2020 17:25
 Operator : SY/VA
 Sample : L2753-05
 Misc : 8.66G/10.0mL/MSVOA W/SOIL
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: May 23 03:56:58 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM050420S.M
 Quant Title : VOC Analysis
 QLast Update : Sat May 23 03:53:37 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	286983	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	259502	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	110091	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	55004	15.32	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	61.28%
7) Chloroethane-d5	2.89	69	62956	18.19	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	72.76%
10) 1,1-Dichloroethene-d2	4.01	63	102353	14.02	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	56.08%
20) 2-Butanone-d5	7.08	46	76214	79.47	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	158.94%#
24) Chloroform-d	7.65	84	168963	23.31	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	93.24%
26) 1,2-Dichloroethane-d4	8.30	65	112548	28.01	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	112.04%
29) Benzene-d6	8.27	84	325438	22.92	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	91.68%
33) 1,2-Dichloropropane-d6	9.27	67	106887	24.84	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	99.36%
37) Toluene-d8	10.32	98	305038	22.34	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	89.36%
38) trans-1,3-Dichloropropene-	10.58	79	50208	25.63	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	102.52%
39) 2-Hexanone-d5	10.93	63	64770	81.48	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	162.96%#
48) 1,1,1,2,2-Tetrachloroethane-	12.69	84	107025	33.02	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	132.08%#
61) 1,2-Dichlorobenzene-d4	13.85	152	100879	26.13	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	104.52%

Target Compounds

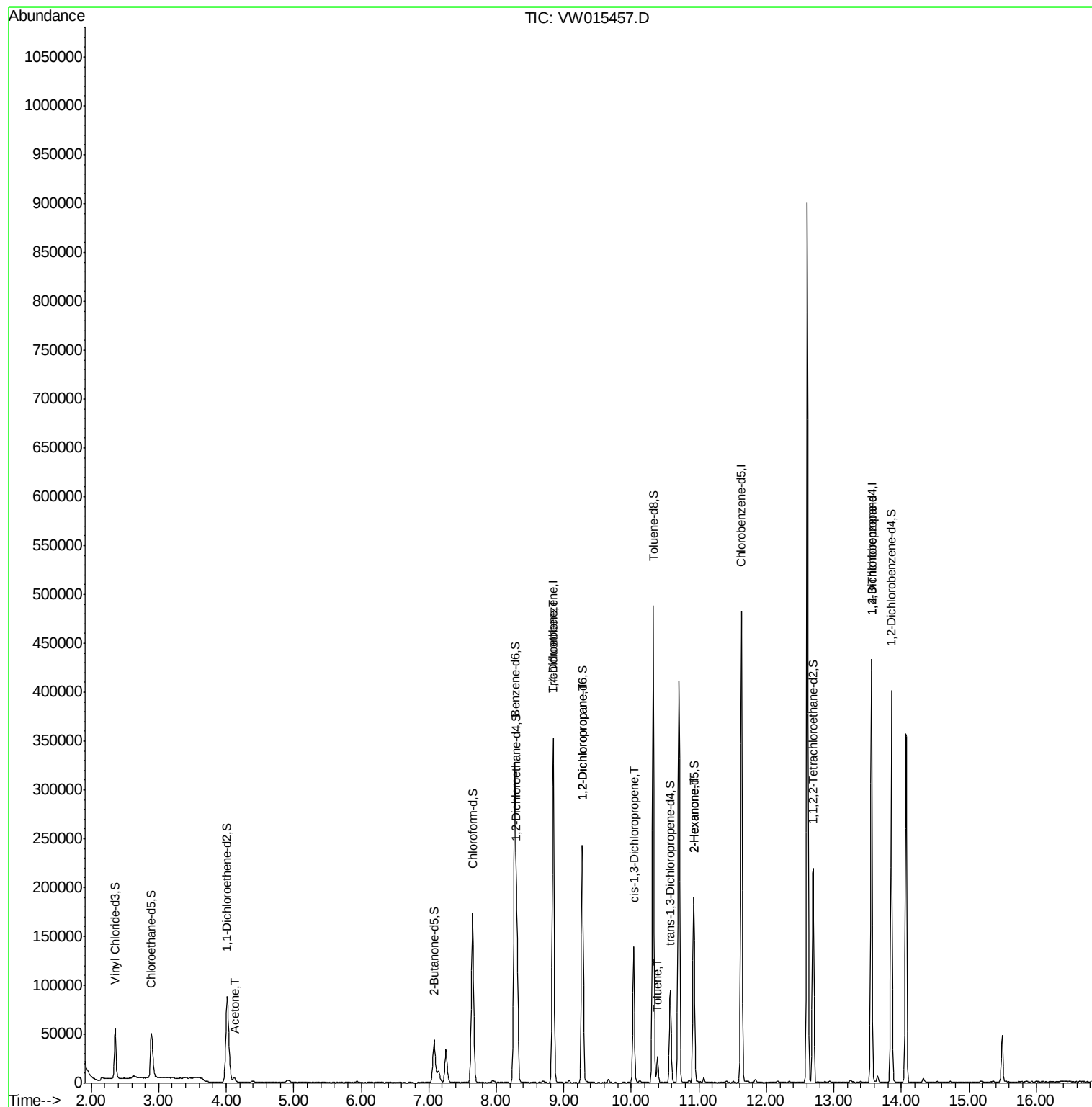
					Ovalue
13) Acetone	4.12	43	7394	10.181	ug/L # 46
35) Trichloroethene	8.84	95	8932	2.195	ug/L # 6
40) 1,2-Dichloropropane	9.27	63	12831	3.382	ug/L # 86
42) cis-1,3-Dichloropropene	10.04	75	3569	0.583	ug/L # 66
44) Toluene	10.39	91	18445	1.112	ug/L # 98
49) 2-Hexanone	10.92	43	8601	5.370	ug/L # 67
59) 1,2,3-Trichloropropane	13.55	75	14175	5.898	ug/L # 90

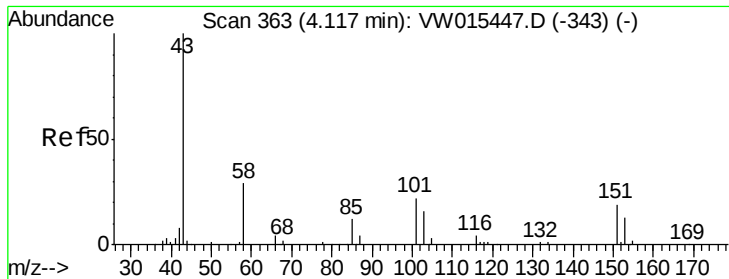
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : VOC Analysis
QLast Update : Sat May 23 03:53:37 2020
Response via : Initial Calibration





#13

Acetone

Concen: 10.181 ug/L

RT: 4.12 min Scan# 364

Delta R.T. 0.01 min

Lab File: VW015457.D

Acq: 22 May 2020 17:25

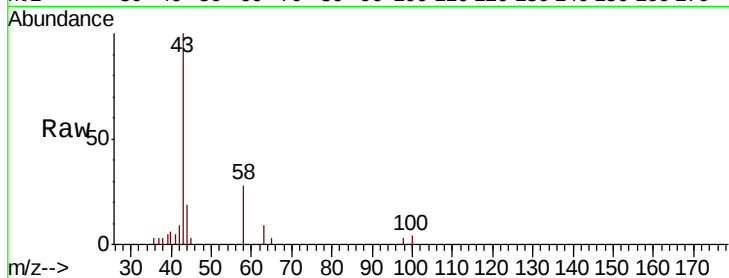
Instrument :
MSVOA_W
ClientSampleId :

Tot Ion: 43 Resp: 7394

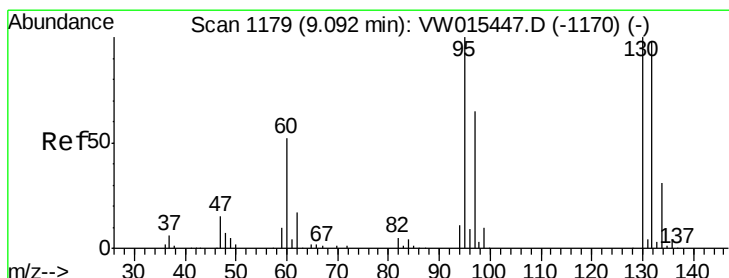
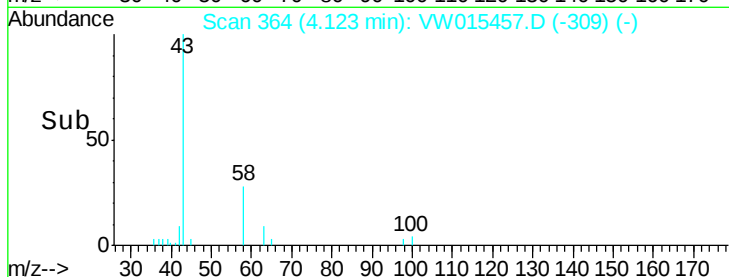
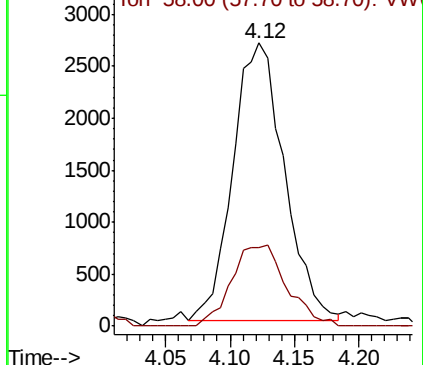
Ion Ratio Lower Upper

43 100

58 0.0 0.0 57.0



Abundance Ion 43.00 (42.70 to 43.70): VW
Ion 58.00 (57.70 to 58.70): VW



#35

Trichloroethene

Concen: 2.195 ug/L

RT: 8.84 min Scan# 1138

Delta R.T. -0.25 min

Lab File: VW015457.D

Acq: 22 May 2020 17:25

Tgt Ion: 95 Resp: 8932

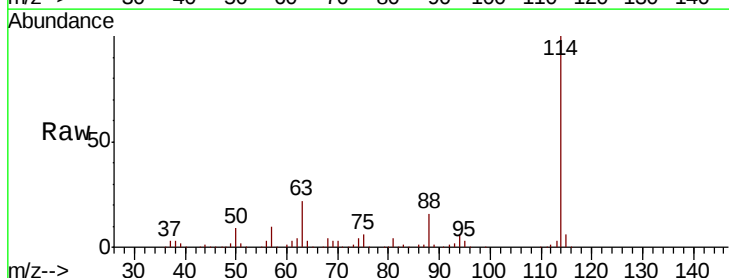
Ion Ratio Lower Upper

95 100

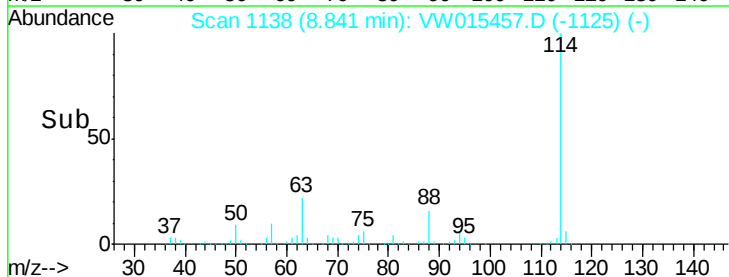
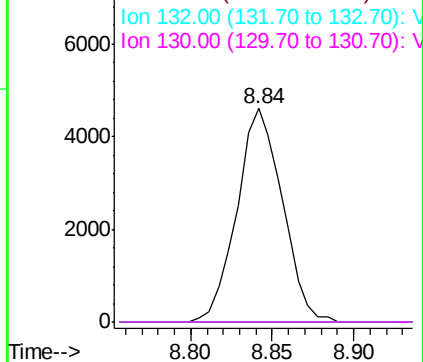
97 0.0 44.9 83.5#

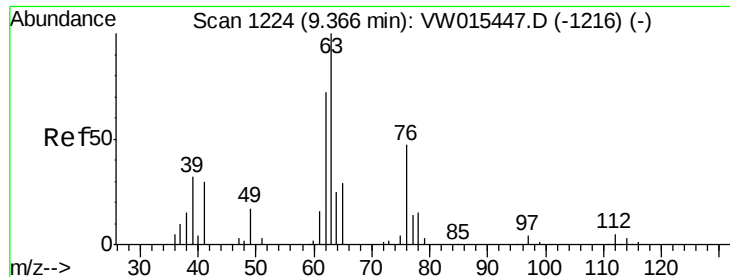
132 0.0 64.5 119.7#

130 0.0 68.5 127.3#



Abundance Ion 95.00 (94.70 to 95.70): VW
Ion 97.00 (96.70 to 97.70): VW
Ion 132.00 (131.70 to 132.70): V
Ion 130.00 (129.70 to 130.70): V

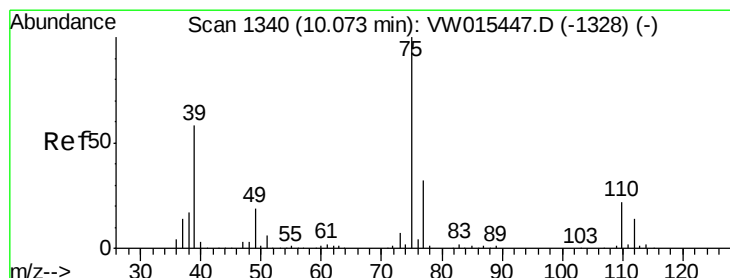
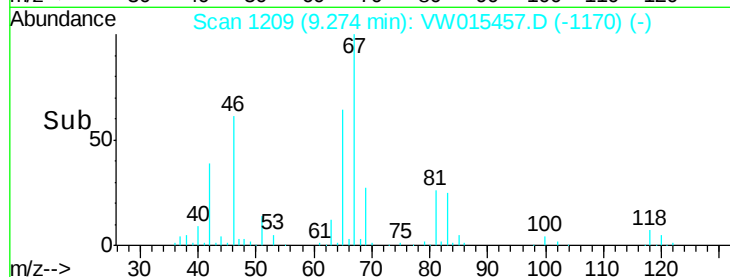
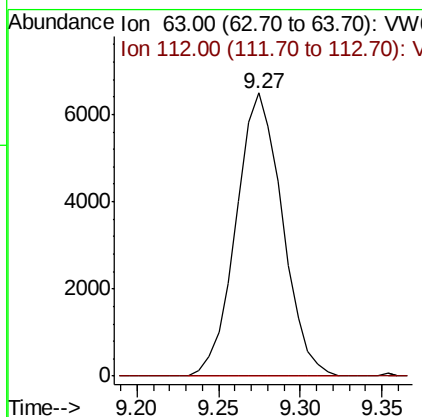
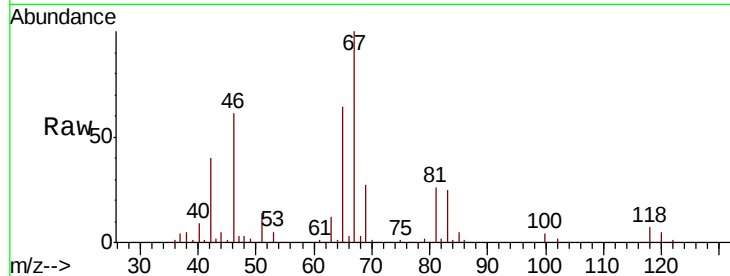




#40
 1,2-Dichloropropane
 Concen: 3.382 ug/L
 RT: 9.27 min Scan# 1209
 Delta R.T. -0.09 min
 Lab File: VW015457.D
 Acq: 22 May 2020 17:25

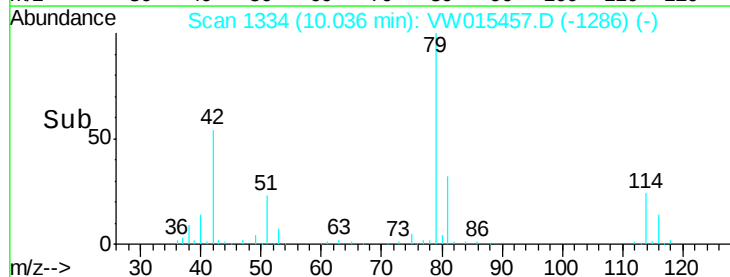
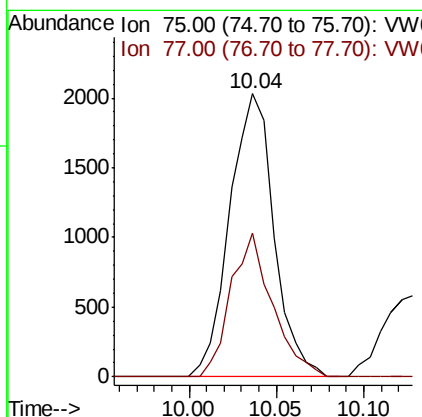
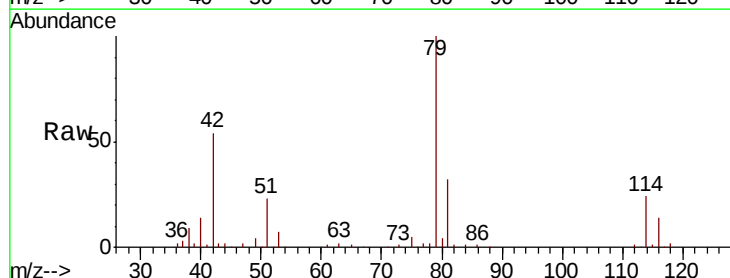
Instrument :
 MSVOA_W
 ClientSampleId :

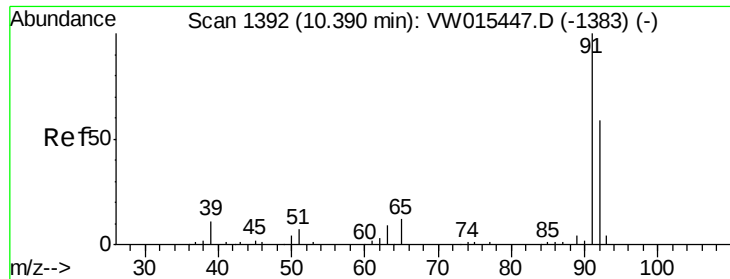
Tot Ion: 63 Resp: 12831
 Ion Ratio Lower Upper
 63 100
 112 0.0 3.6 5.4#



#42
 cis-1,3-Dichloropropene
 Concen: 0.583 ug/L
 RT: 10.04 min Scan# 1334
 Delta R.T. -0.04 min
 Lab File: VW015457.D
 Acq: 22 May 2020 17:25

Tgt Ion: 75 Resp: 3569
 Ion Ratio Lower Upper
 75 100
 77 50.9 22.4 41.6#





#44

Toluene

Concen: 1.112 ug/L

RT: 10.39 min Scan# 1392

Delta R.T. -0.00 min

Lab File: VW015457.D

Acq: 22 May 2020 17:25

Instrument :

MSVOA_W

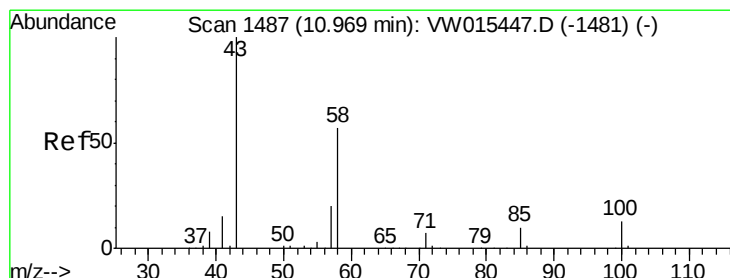
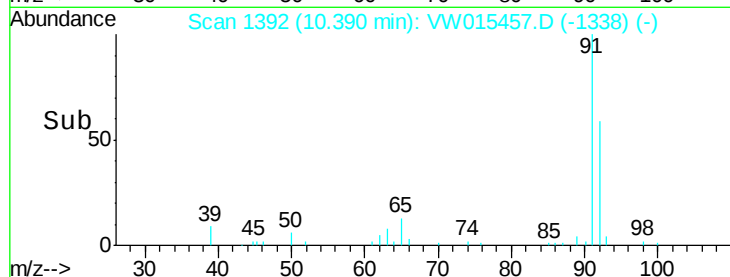
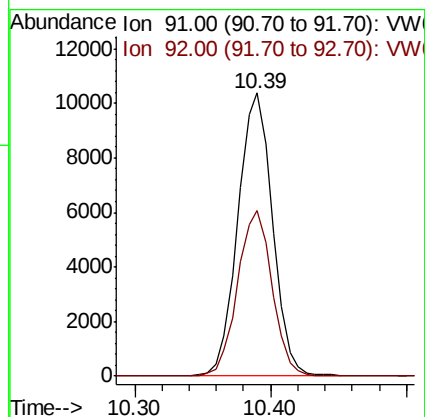
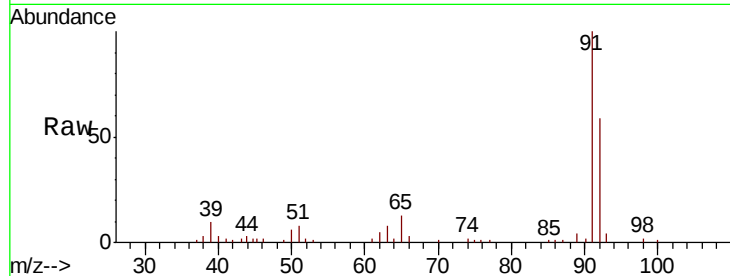
ClientSampled :

Tot Ion: 91 Resp: 18445

Ion Ratio Lower Upper

91 100

92 58.5 39.8 74.0



#49

2-Hexanone

Concen: 5.370 ug/L

RT: 10.92 min Scan# 1479

Delta R.T. -0.05 min

Lab File: VW015457.D

Acq: 22 May 2020 17:25

Tgt Ion: 43 Resp: 8601

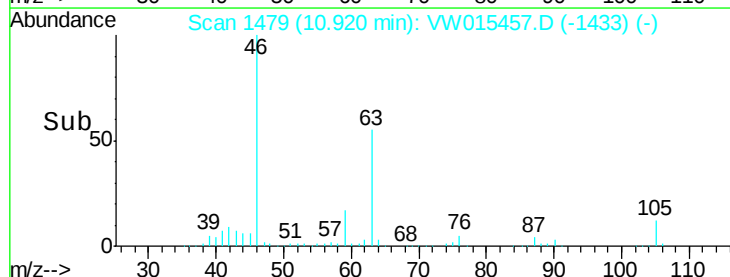
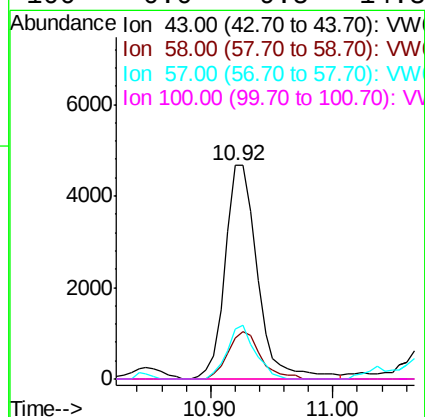
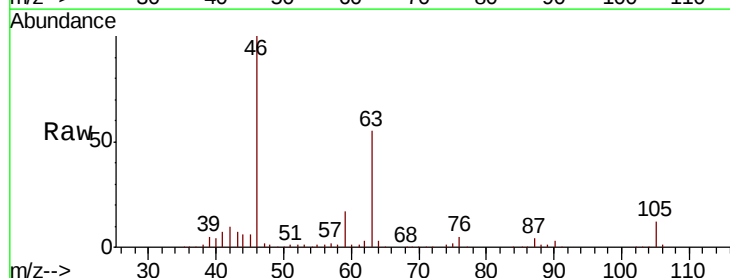
Ion Ratio Lower Upper

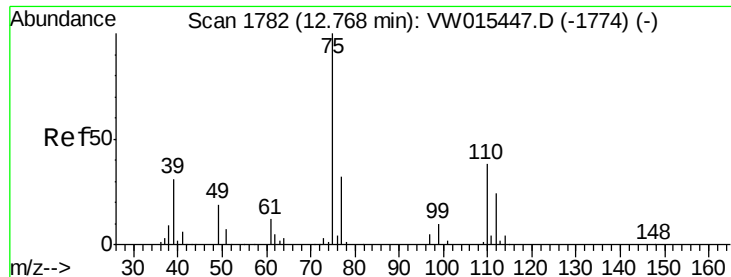
43 100

58 21.8 41.5 62.3#

57 21.6 15.3 22.9

100 0.0 9.5 14.3#





#59

1,2,3-Trichloropropane

Concen: 5.898 ug/L

RT: 13.55 min Scan# 1911

Delta R.T. 0.79 min

Lab File: VW015457.D

Acq: 22 May 2020 17:25

Instrument :

MSVOA_W

ClientSampleId :

Tot Ion: 75 Resp: 14175

Ion Ratio Lower Upper

75 100

77 38.0 25.9 38.9

